

Amendments to the Claims:

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1 and 2. (Canceled)

Claim 3. (Currently Amended) Method for calculating an individual progressive lens for a customer, comprising:

creating a basic design for lenses based on theoretical specifications, wherein the basic ~~designs~~ design is calculated for a given lens power and for default values for individual parameters;

creating one or more starting designs for wearing tests from the basic design;

calculating individual progressive lenses for wearing tests from the starting designs ~~for wearing tests, the individual progressive lenses for wearing tests corresponding to~~ based on individual data of test persons ~~who are other than the customer, said test persons being selected~~ to wear eye-glasses with said individual progressive lenses,

performing and analyzing the wearing tests,

modifying and adjusting of the starting designs ~~for wearing tests~~ on the basis of the wearing tests of said individual progressive lenses by said test persons;

creating final starting designs for production from the modified and
adjusted starting designs; and

calculating individual progressive lens for the customer from the final
starting designs according to individual data,

wherein said starting designs for wearing tests and the starting designs
for production being a limited number of progressive lenses, which are calculated
for default values of the individual parameters and which cover a predetermined
range of powers of the lens,

wherein the starting designs for wearing tests comprising at least one
series of progressive lenses for myopia, one series of progressive lenses for
emmetropia and one series of progressive lenses for hyperopia, one series of
progressive lenses comprising at least two progressive lenses with differing
addition, and

wherein the number of the starting designs for the production ~~having~~
~~more options~~ is greater than the number of the starting design for the wearing
tests.

Claim 4. (Previously Amended) Method as claimed in Claim 3, wherein the
individual progressive lenses are calculated from the starting designs or the final
starting designs according to individual data by selecting a starting surface from
the starting design;

selecting a starting progressive lens from the starting designs or the final starting designs on the basis of the individual customer data, and equating the starting progressive lens with a progressive lens to be optimized;

replacing the default values by the individual data;

calculating an object distance and accommodation model;

arranging the progressive lens to be optimized lens with respect to the eye according to the individual data;

taking into account new lens parameters;

calculating a toric or an atoric superimposed surface to be superimposed on the progressive surface of the progressive lens to be optimized, wherein the toric or atoric superimposed surface is calculated so that at the reference point the dioptrical power of the lens corresponds to the prescription and the thickness of the lens is correctly adjusted;

converting the toric or the atoric superimposed surface into an optimization spline;

calculating a new principal line of vision;

interpolation and transformation of setpoint specifications;

optimizing the progressive lens thereby obtaining the individual progressive lens; and

expanding the progressive area.

Claim 5. (Previously Amended) Method as claimed in Claim 4, wherein the superimposed surface is an atoric superimposed surface.